

# V&V Reference Report

## L2 ASCDS Version : 7.6.8

Observation 3886 - L2 Version 001  
Chandra X-Ray Center

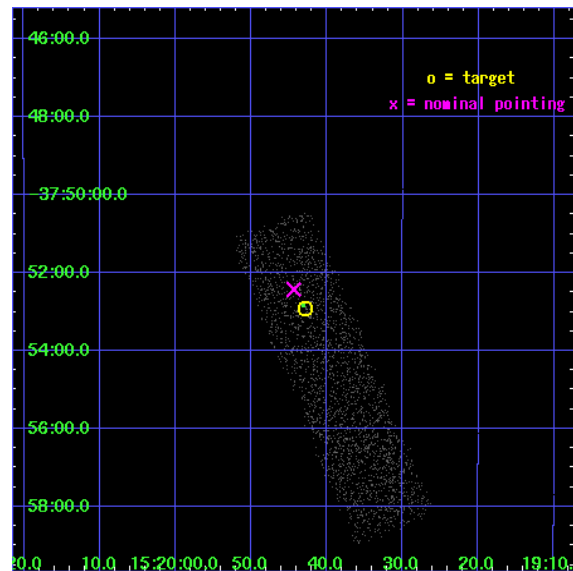
L2 Processing Date : Jul 22 2006

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# 1 Front

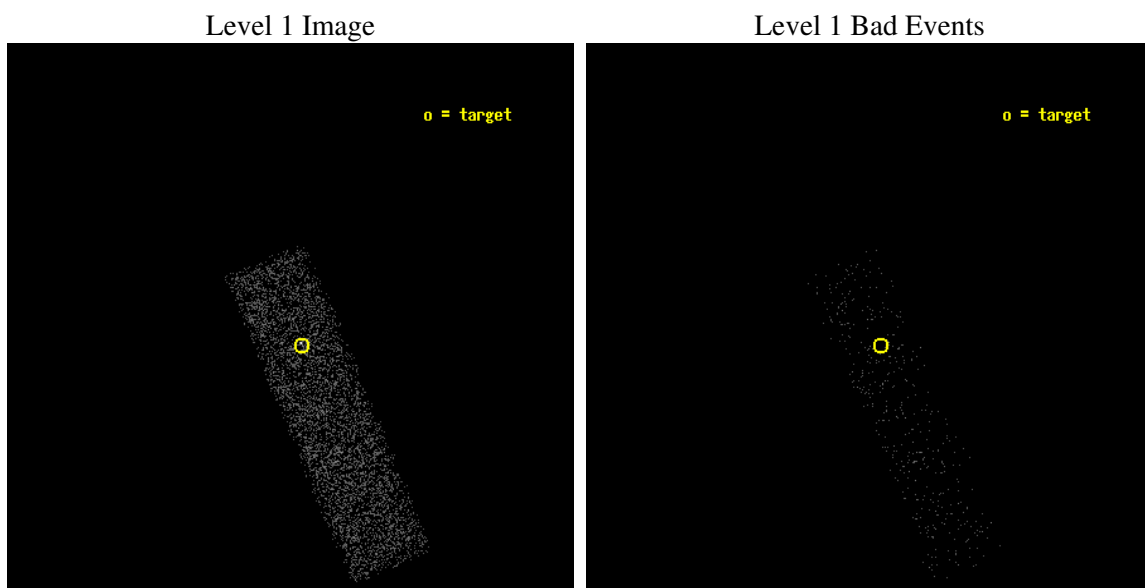
seq_num	500365
obs_id	3886
title	COMPLETING THE CENSUS OF COMPACT OBJECTS IN SUPERNOVA REMNANTS
observer	Dr David Kaplan
object	RX J151942.8-375255
dtcycle	0
cycle	P
ra_targ	229.928333
dec_targ	-37.881944
ra_nom	229.93495670783
dec_nom	-37.873927016839
roll_nom	67.078040439797
revision	2
ontime	2852.80004251
livetime	2713.5927351946
ontime7	2852.80004251
l2events	2789



## 2 OBI

### 2.1 OBI

#### 2.1.1 Images



#### 2.1.2 Bias

Chip 7



### 2.1.3 Parameters

obi_num	0
ascdsver	7.6.8
caldsver	3.2.2
date	2006-07-22T18:20:31
revision	2

sched_exp_time	3000.000000
ontime	2853.6190301776
ontime7	2853.6190301776
l1events	6403

### 2.1.4 Events

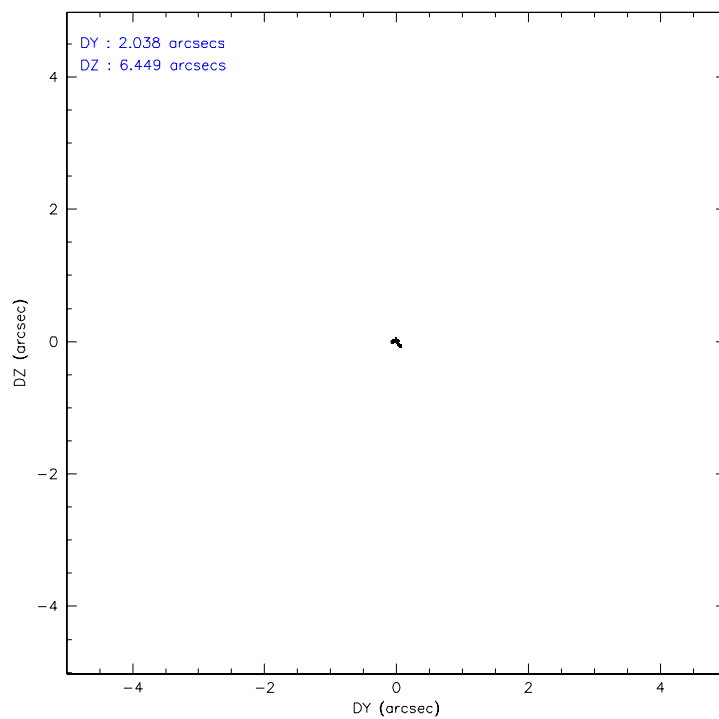
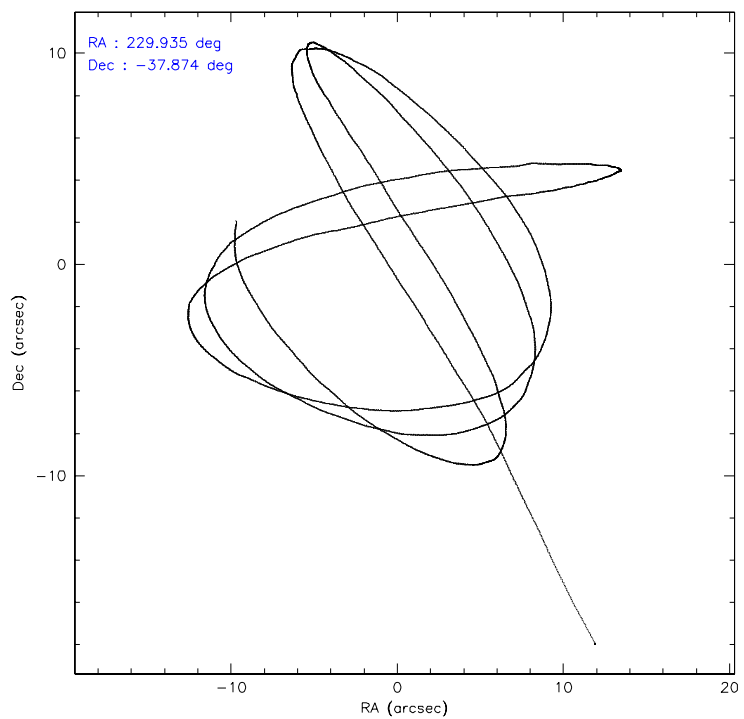
	<b>ccd 7</b>
level 1 events	6403
rejected events	3541
rejected %	55%

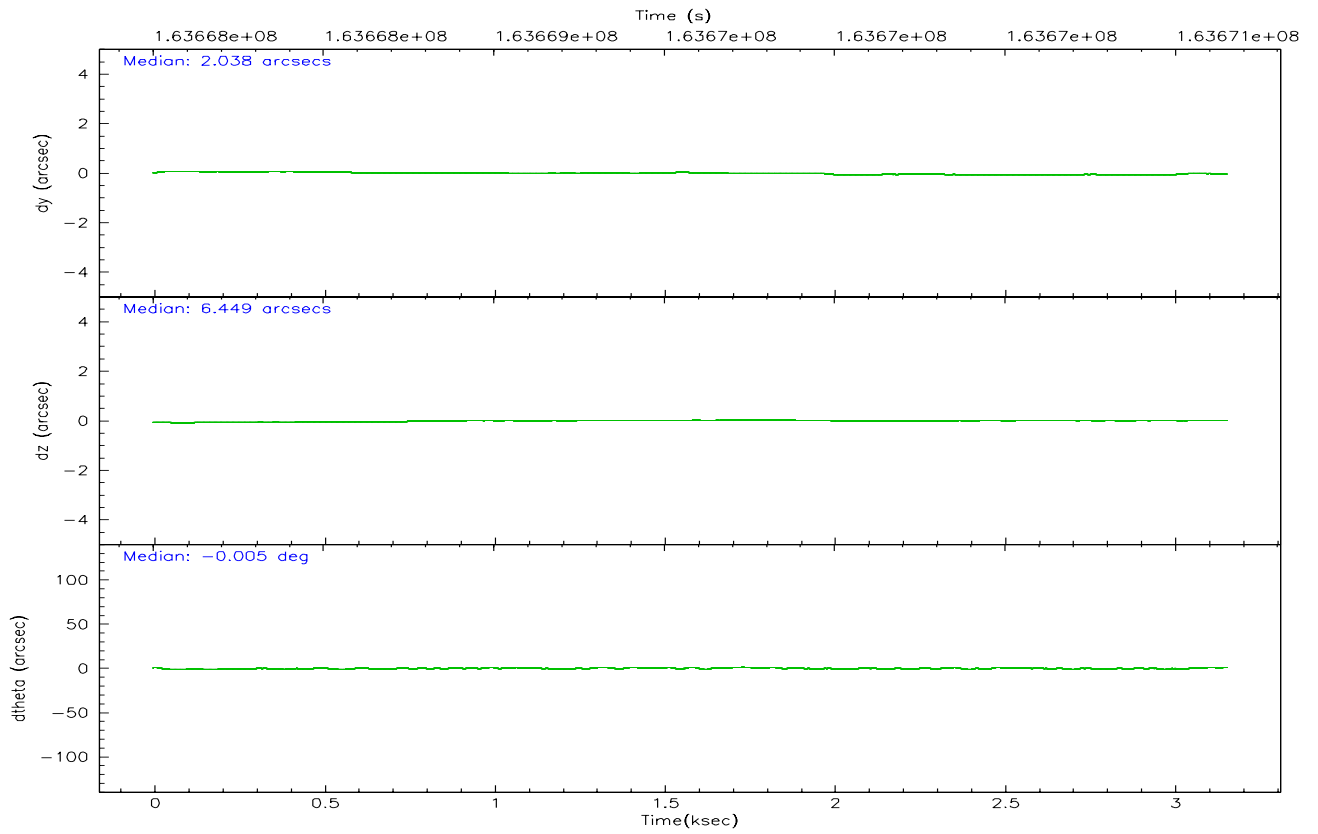
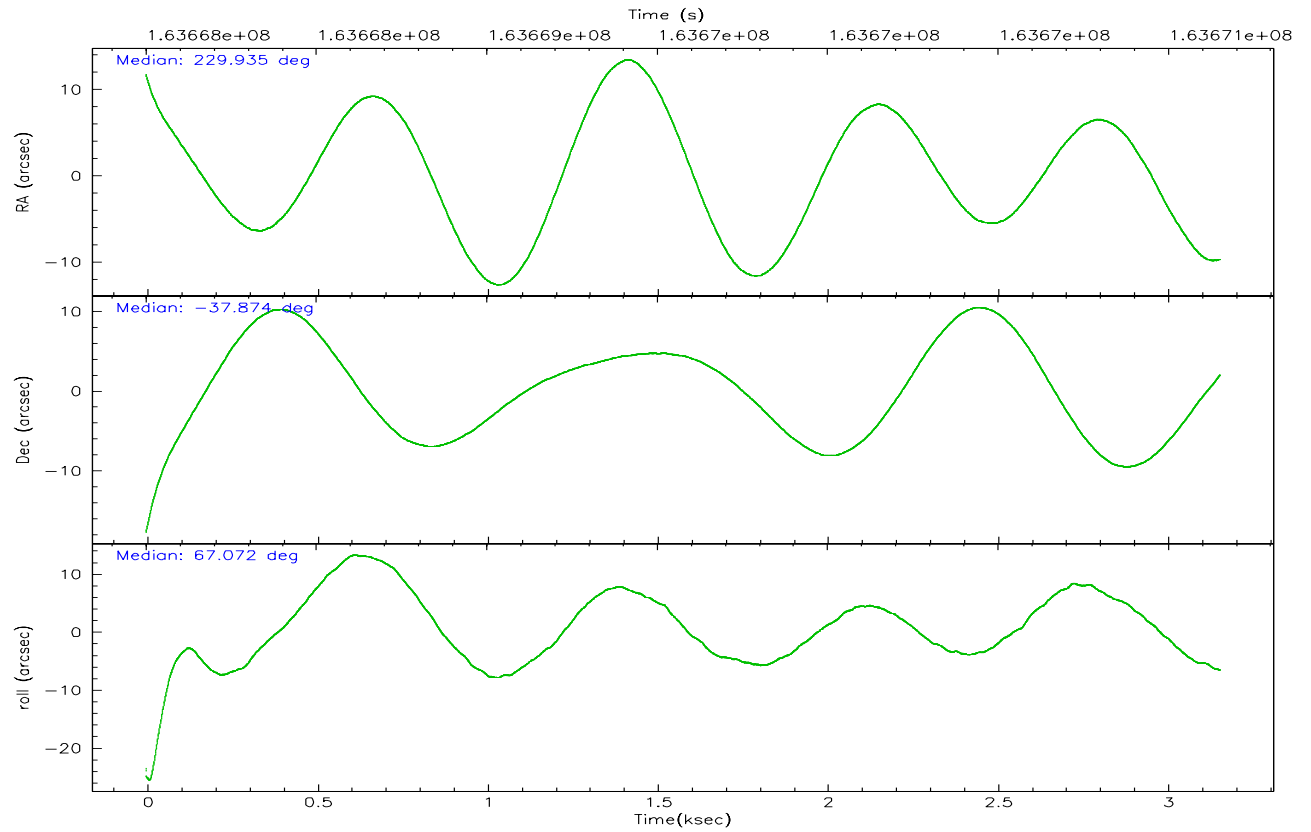
	<b>ccd 7</b>
grade 0 events	282
	4%
grade 1 events	4
	0%
grade 2 events	679
	10%
grade 3 events	226
	3%
grade 4 events	222
	3%
grade 5 events	435
	6%
grade 6 events	1453
	22%
grade 7 events	3102
	48%

## 2.2 Compared Parameters

Parameter	Planned	Actual	Parameter	Planned	Actual
Instrument	ACIS	ACIS	Obspar format version number	6	6
Detector	ACIS-7	ACIS-7	Obspar file type	PREDICTED	ACTUAL
Grating	NONE	NONE	Obspar update status	NONE	UPDATED
Data mode	FAINT	FAINT	On-chip summing requested	N	N
Observation mode	POINTING	POINTING	Subarray requested	1/4	1/4
Pointing RA	229.939730	229.9349567078295	Subarray start row	0	385
Pointing Dec	-37.900813	-37.873927016839	Subarray row count	1024	256
Pointing Roll	66.924438	67.07804043979662	Alternating exposures requested	N	N
SIM focus pos (mm)	-0.684267	-0.6828225247311905	Primary exposure time	0.000000	0.8
SIM defocus (mm)	0	0.001444936568705701			
SIM translation stage pos (mm)	-190.132523	-190.1400660498719			
SIM translation stage offset (mm)	0	0.00754346686406393			
Observation start time	163668152.184000	163667179.32732			
Observation start date	2003-03-10T07:21:28	2003-03-10T07:06:19			
Observation end time	163671152.184000	163671743.65251			
Observation end date	2003-03-10T08:11:28	2003-03-10T08:22:23			
Read mode	TIMED	TIMED			

## 2.3 Aspect





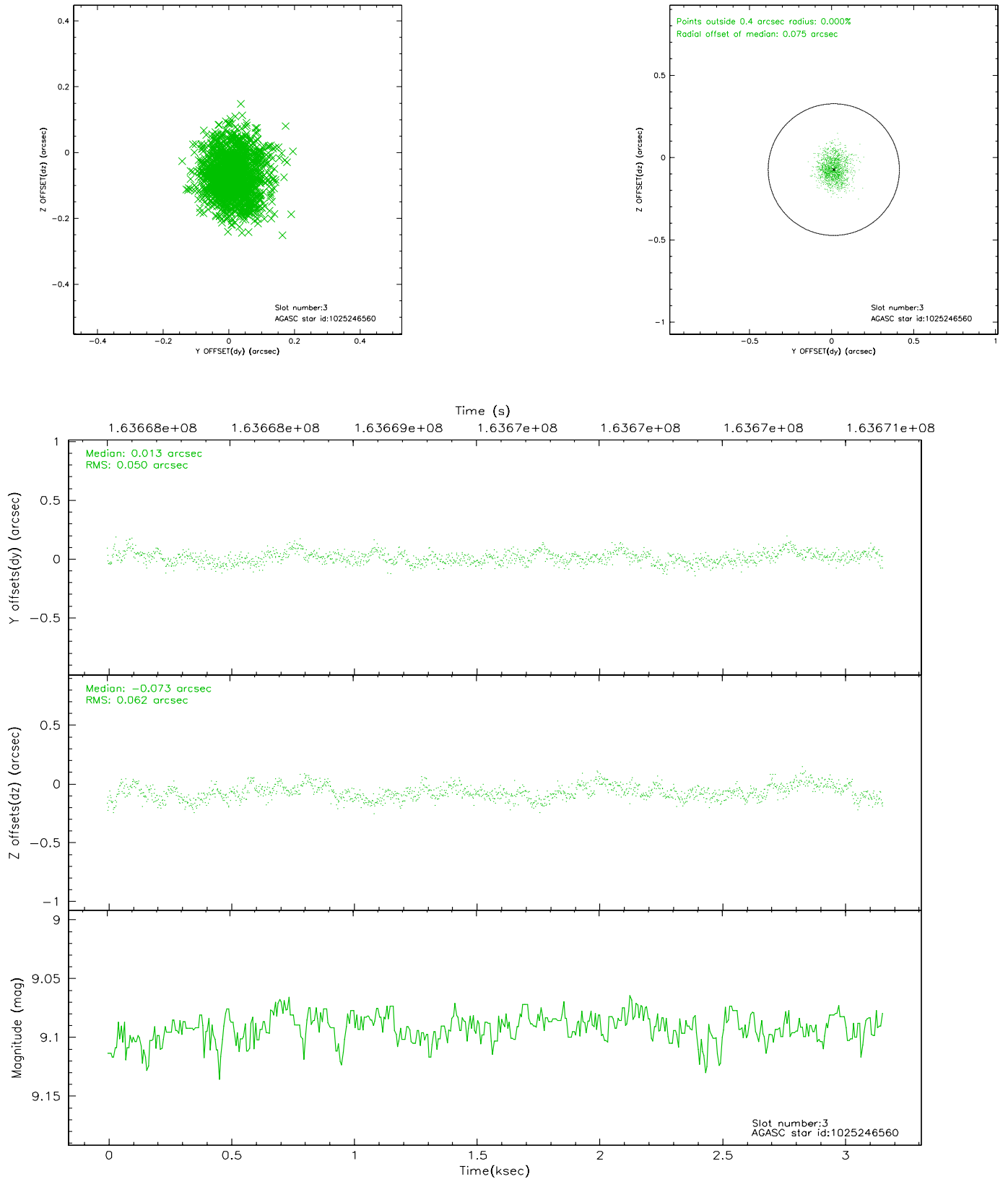
### Slot Statistics

slot	status	id	mag	n_pts	med_dy	med_dz	dr1	dr2	ra	dec	mean_y	mean_z
0	FID	ACIS-S-2	7.12	771	-0.037	0.030	0.007	0.012	0.000000	0.000000	-754.65	-1727.57
1	FID	ACIS-S-4	7.20	771	-0.054	0.010	0.005	0.009	0.000000	0.000000	2157.67	178.86
2	FID	ACIS-S-5	7.24	771	0.060	-0.031	0.006	0.010	0.000000	0.000000	-1804.83	174.72
3	GUIDE	1025246560	9.09	1542	0.013	-0.073	0.085	0.135	229.542060	-37.711196	182.22	1308.62
4	GUIDE	1026955080	9.86	1542	-0.251	0.233	0.113	0.184	230.737244	-37.540170	2078.32	-1587.92
5	GUIDE	1025248856	9.23	1541	0.355	-0.198	0.114	0.178	229.030724	-38.125562	-1763.08	2045.03
6	GUIDE	1026965504	9.29	1541	0.054	-0.280	0.187	0.268	230.327090	-38.711825	-2262.10	-2145.49
7	GUIDE	1026957848	9.47	1540	-0.161	0.331	0.111	0.180	230.624507	-38.223347	-316.64	-2240.56

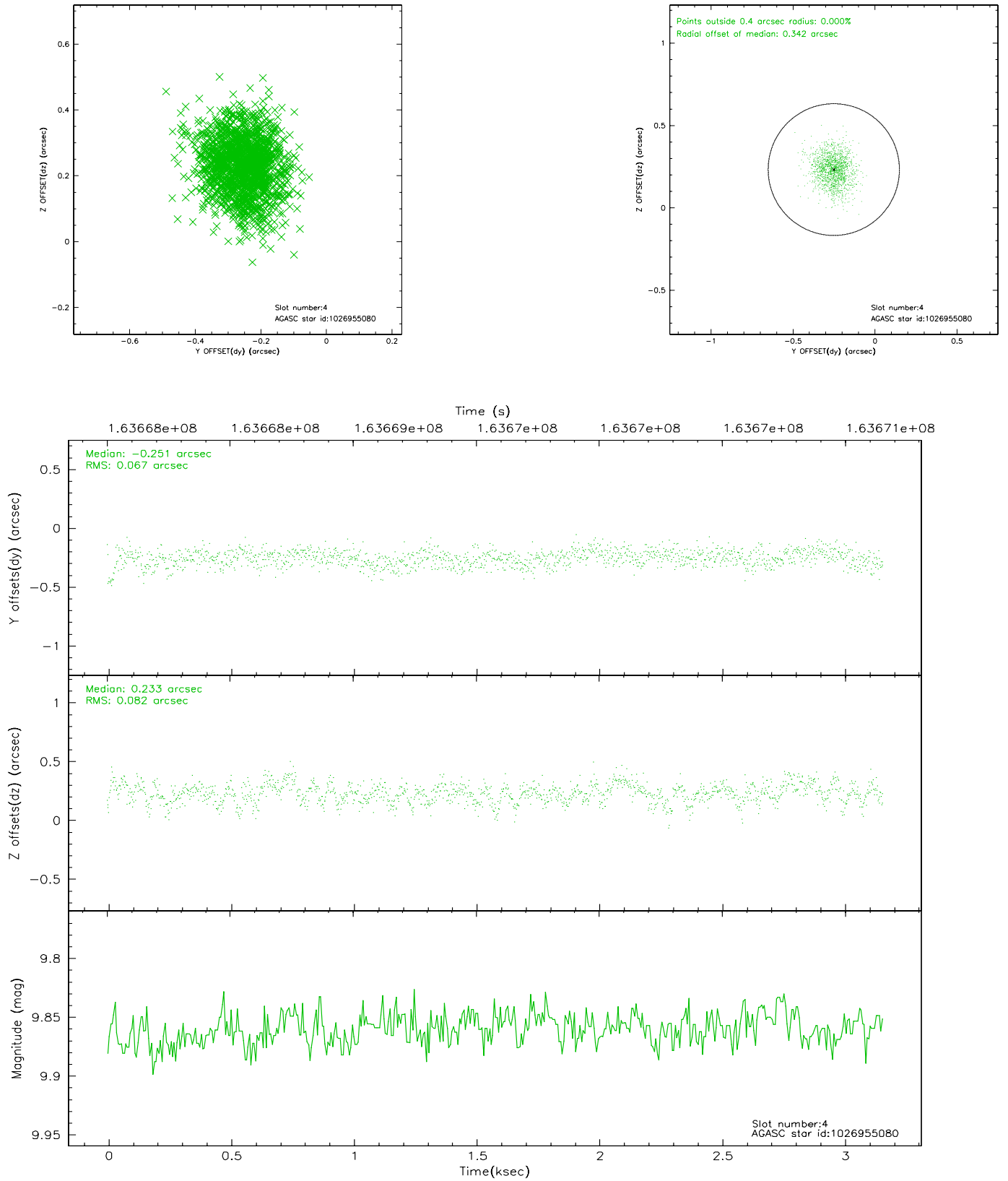


## 2.4 Star Slots

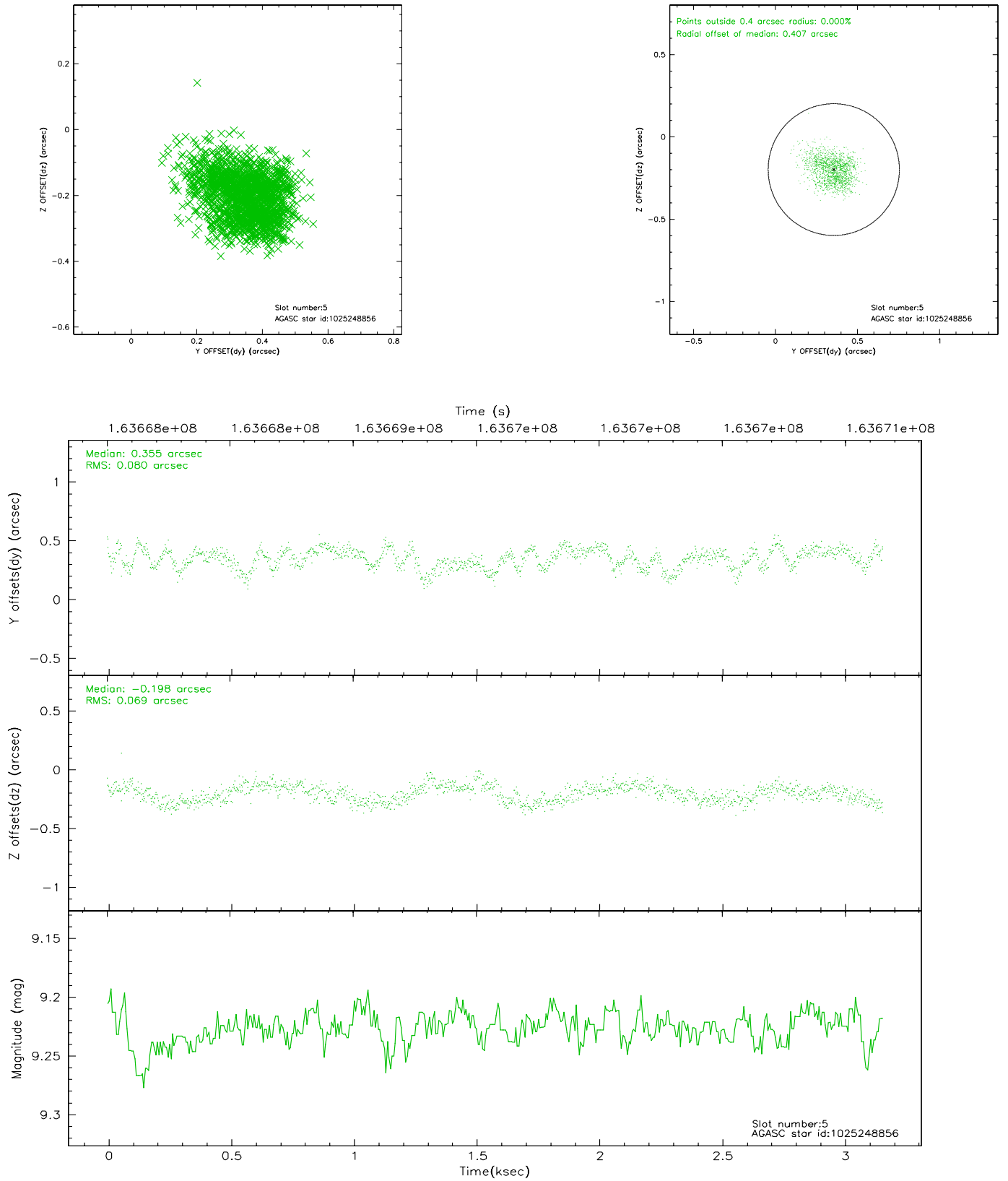
### 2.4.1 Slot 3



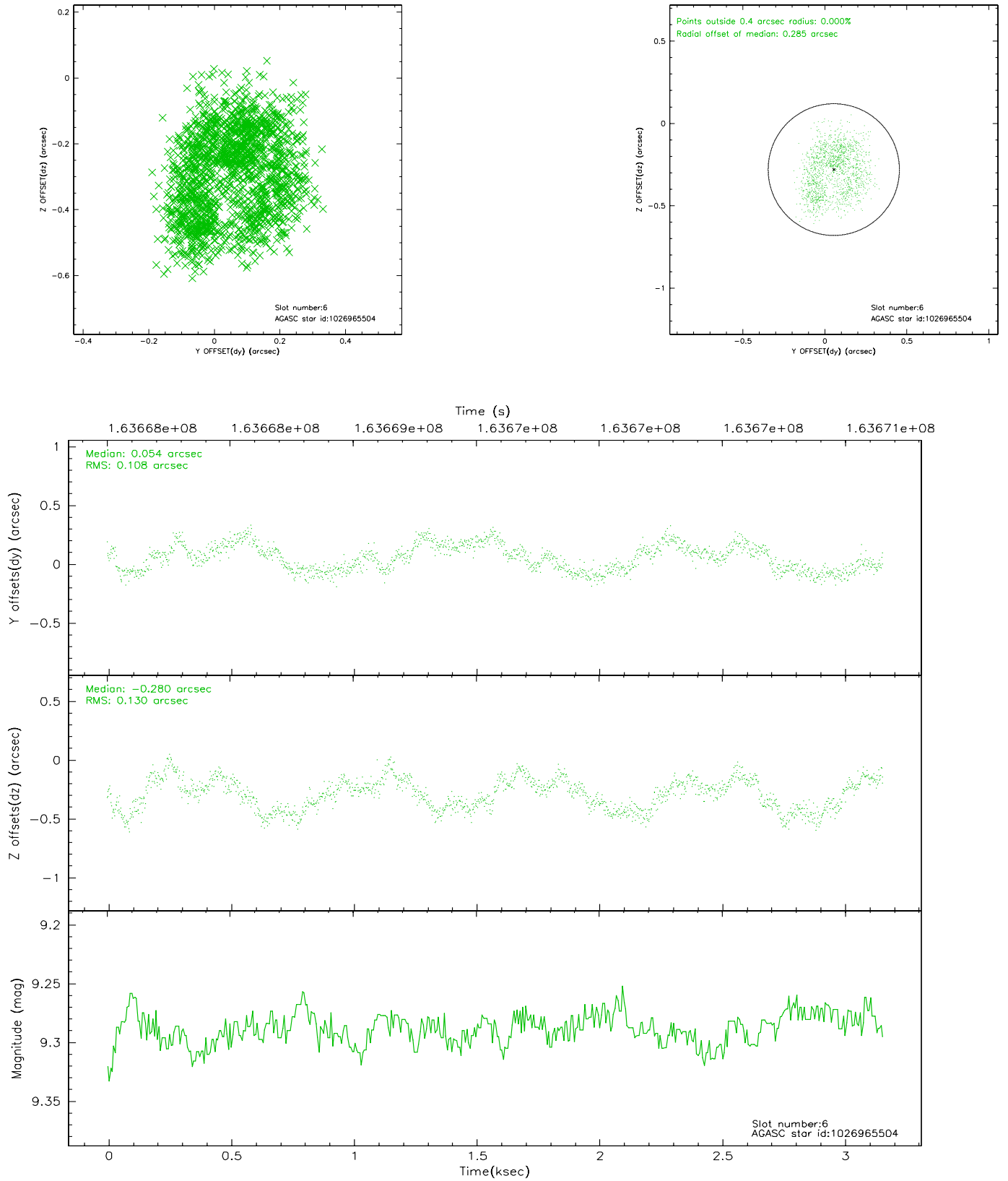
## 2.4.2 Slot 4



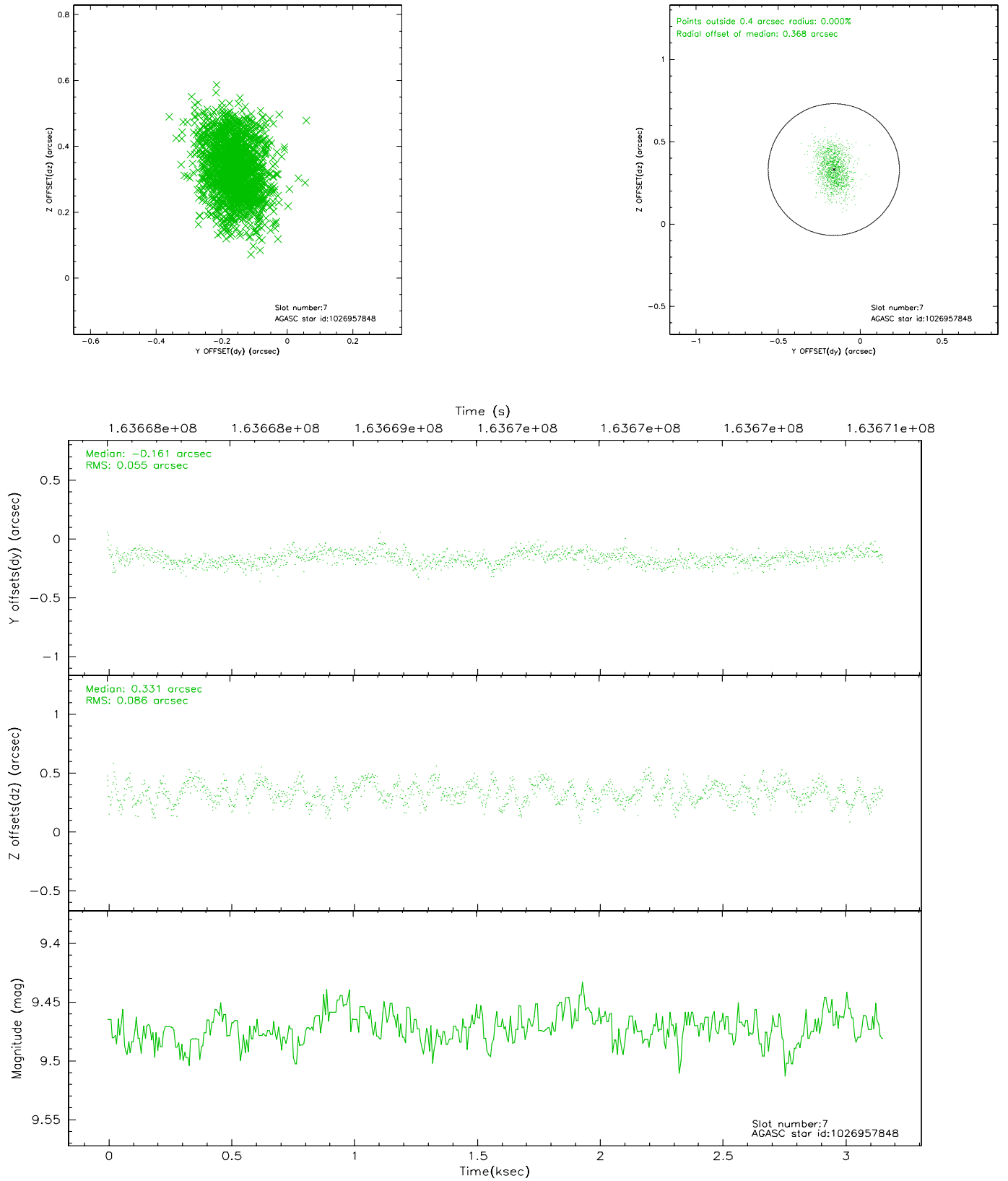
### 2.4.3 Slot 5



## 2.4.4 Slot 6

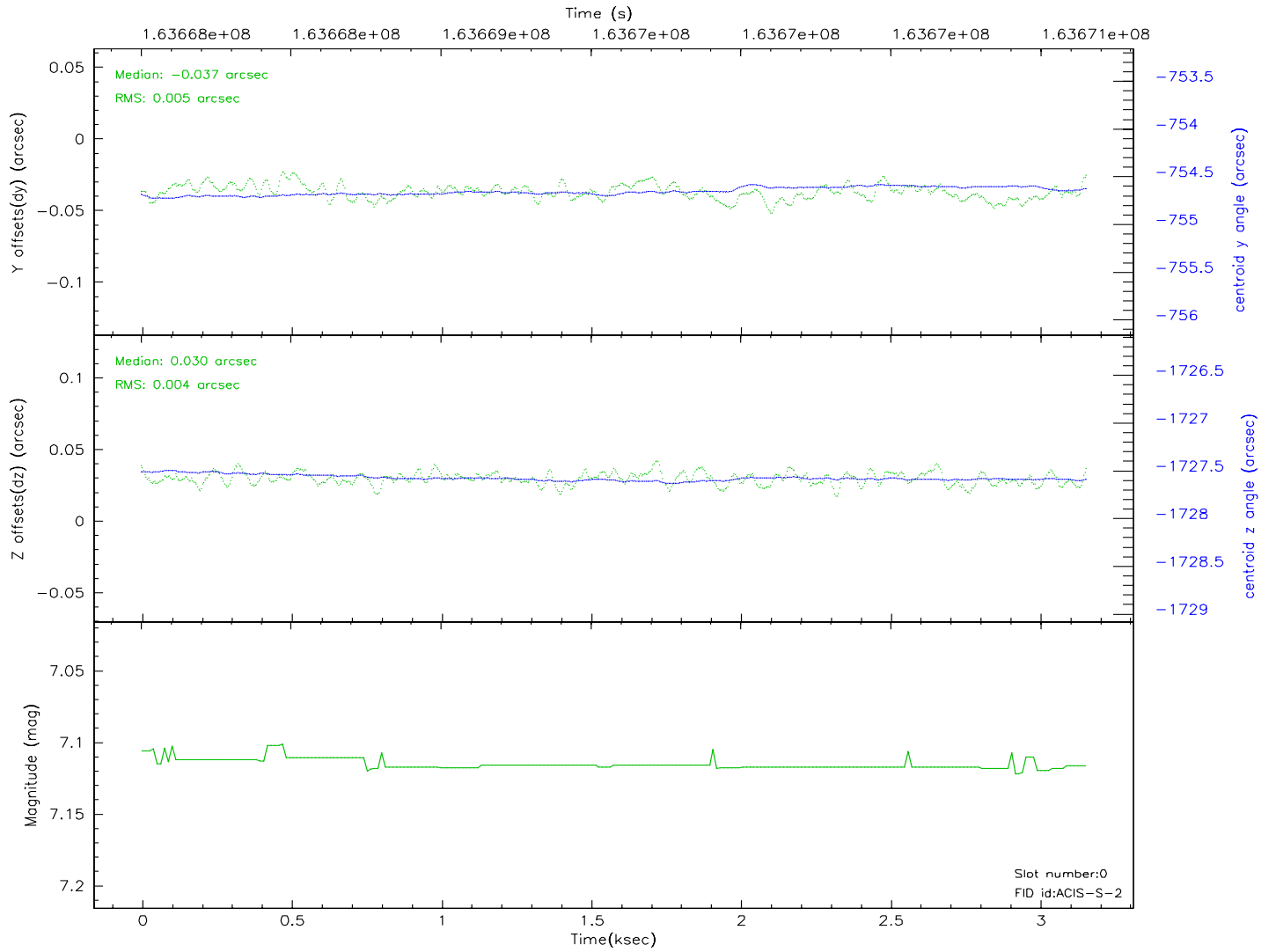
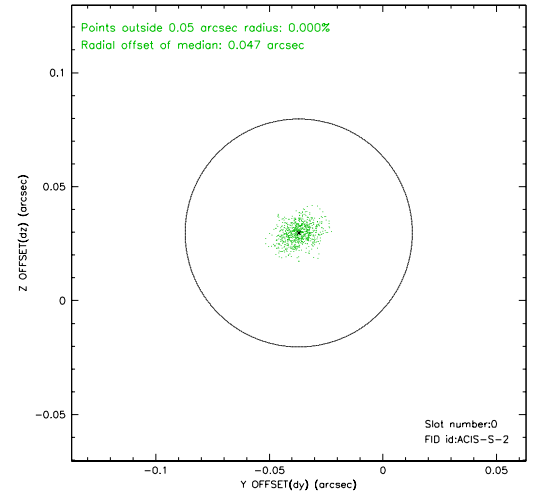
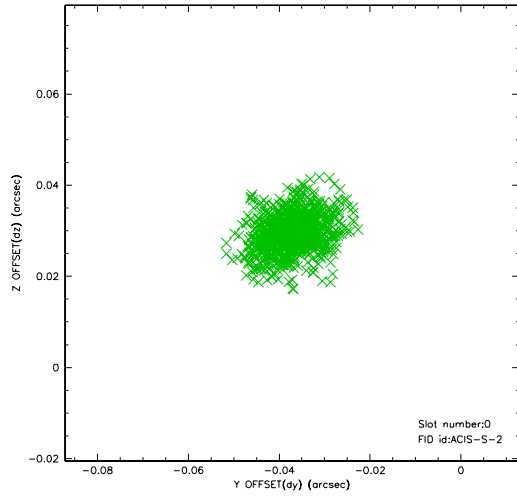


## 2.4.5 Slot 7

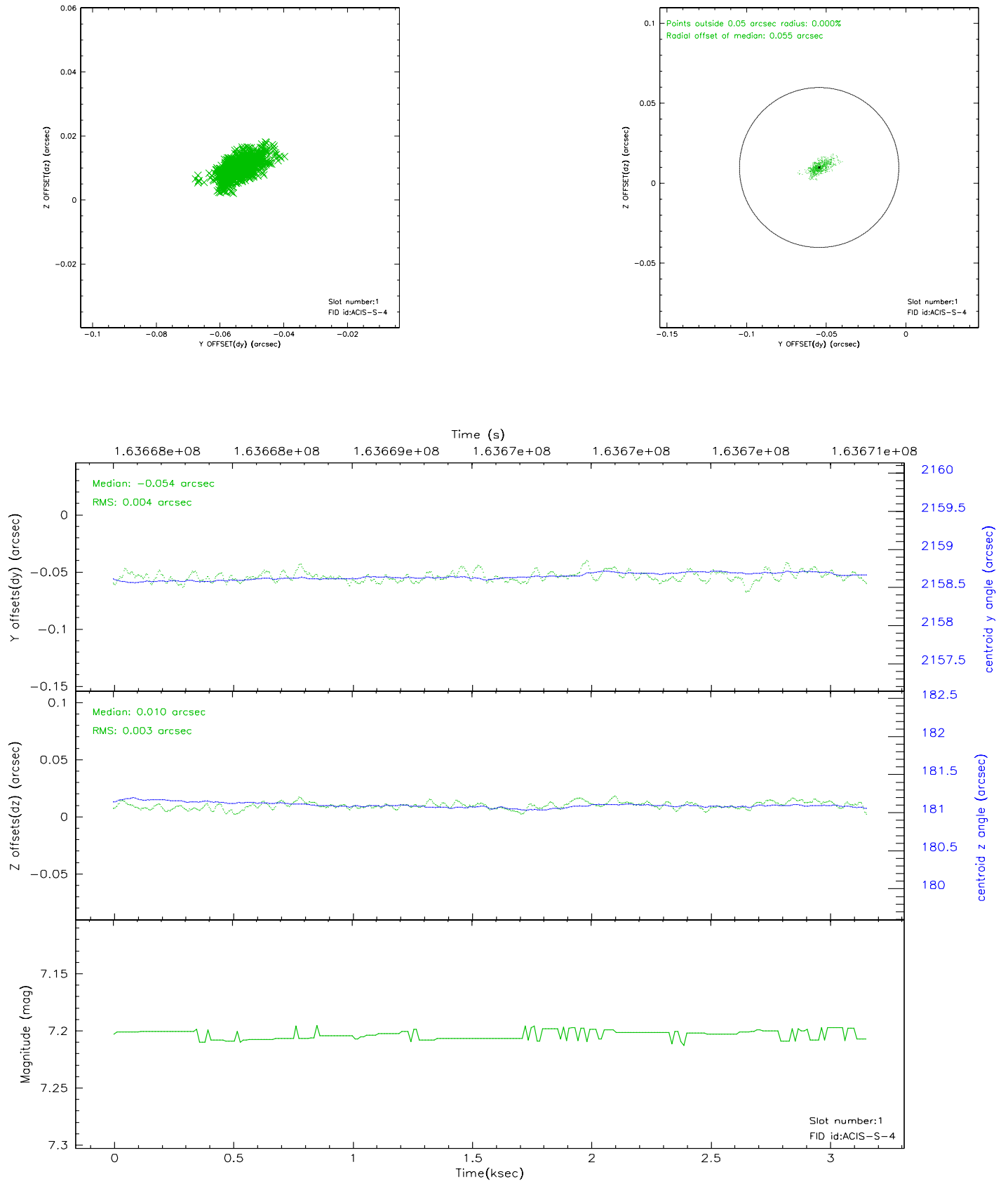


## 2.5 FID Slots

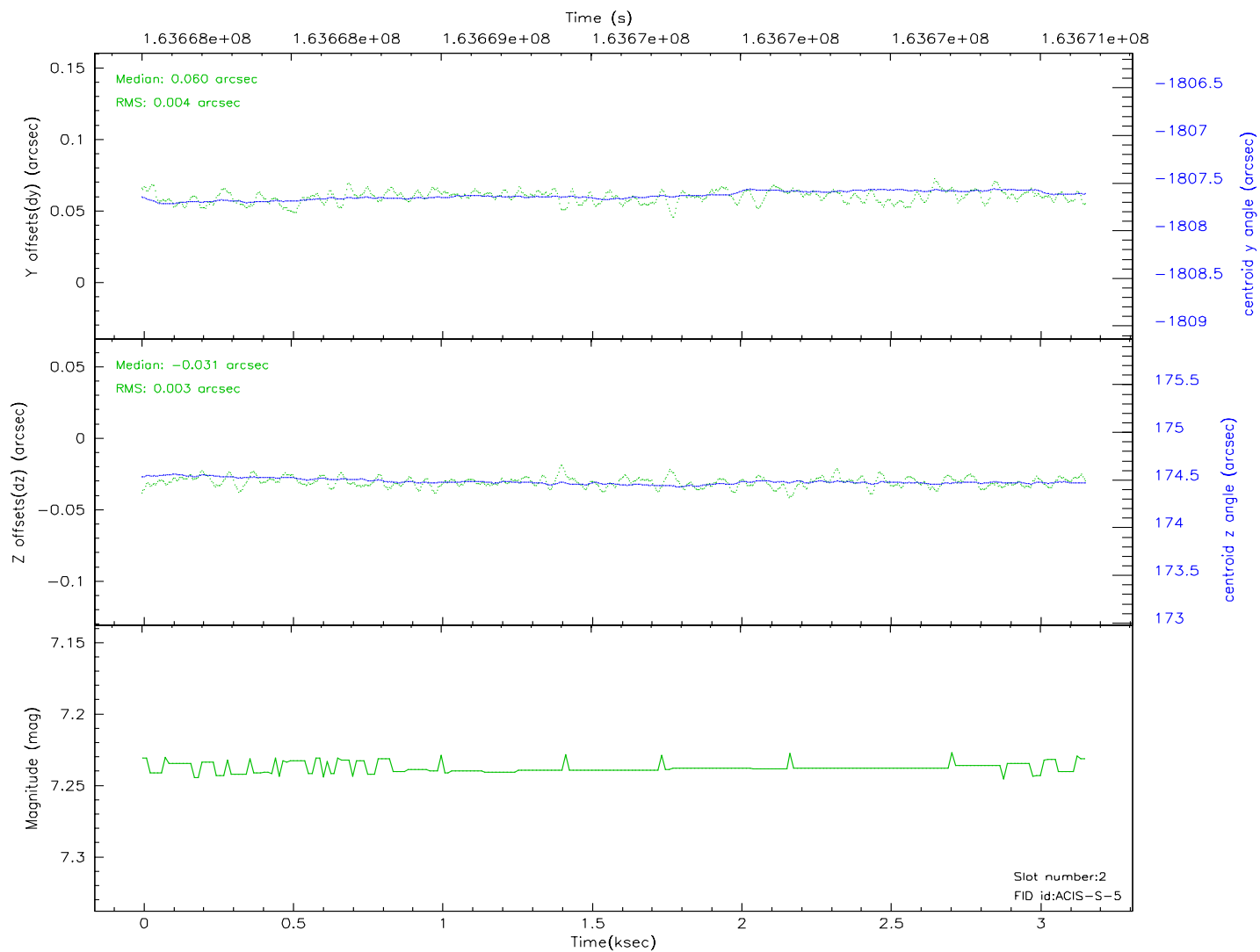
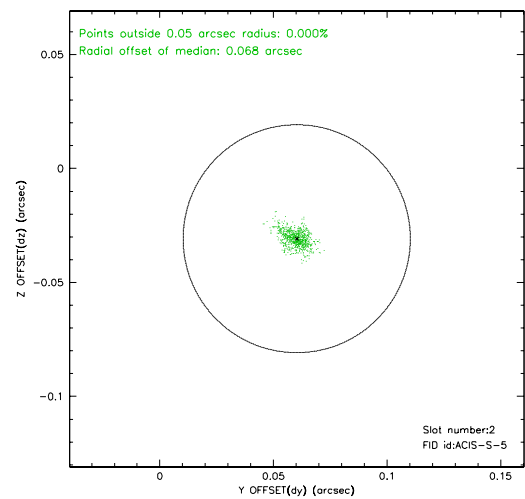
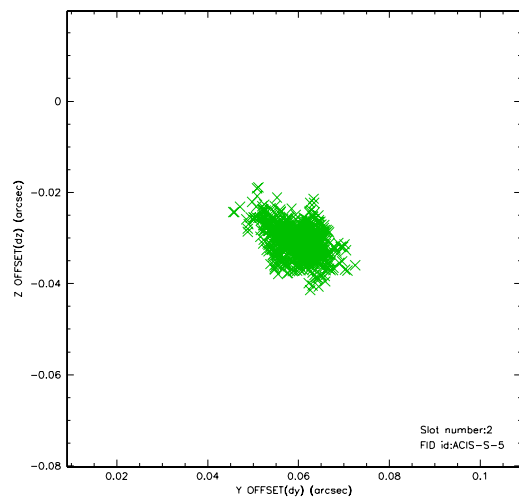
### 2.5.1 Slot 0



## 2.5.2 Slot 1



### 2.5.3 Slot 2





### 3 Point Sources

## A Summary

### A.1 Status

V&V Scientist	Beth Sundheim
V&V Date (YYYY-MM-DD)	2006.07.23
V&V Edition	1
V&V Disposition and Status	OK
V&V Charge Time	2.852

### A.2 Comments